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Part Number:

0787882011

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Vertical, Top Entry, with Plastic Pegs, with Cap, Tape and Reel, 2.50µm Tin (Sn), 20 Circuits, Lead-Free



|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 503940001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification PK-78788-001-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Datasheet (PDF)</a>                                  |
| <a href="#">Product Specification PS-78788-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Agency Certification                           |                                |
| CSA                                            | LR19980                        |
| UL                                             | E29179                         |
| General                                        |                                |
| Product Family                                 | PCB Receptacles                |
| Series                                         | 78788                          |
| Application                                    | Board-to-Board, Signal         |
| Overview                                       | Milli-Grid Connector System    |
| Product Name                                   | Milli-Grid                     |
| UPC                                            | 887191749631                   |
| Physical                                       |                                |
| Circuits (Loaded)                              | 20                             |
| Circuits (maximum)                             | 20                             |
| Color - Resin                                  | Black                          |
| Durability (mating cycles max)                 | 30                             |
| Flammability                                   | 94V-0                          |
| Glow-Wire Capable                              | No                             |
| Lock to Mating Part                            | None                           |
| Material - Metal                               | Copper Alloy                   |
| Material - Plating Mating                      | Tin                            |
| Material - Resin                               | High Temperature Thermoplastic |
| Net Weight                                     | 0.566/g                        |
| Number of Rows                                 | 2                              |
| Orientation                                    | Vertical                       |
| PCB Locator                                    | Yes                            |
| PCB Retention                                  | None                           |
| Packaging Type                                 | Embossed Tape on Reel          |
| Pitch - Mating Interface                       | 2.00mm                         |
| Plating min - Mating                           | 2.500µm                        |
| Polarized to Mating Part                       | No                             |
| Polarized to PCB                               | No                             |
| Robotic Placement                              | Pick and Place Cap             |
| Temperature Range - Operating                  | 0° to +105°C                   |
| Termination Interface: Style                   | Surface Mount                  |
| Electrical                                     |                                |
| Current - Maximum per Contact                  | 1.0A                           |
| Voltage - Maximum                              | 125V AC (RMS)/DC               |
| Solder Process Data                            |                                |
| Duration at Max. Process Temperature (seconds) | 010                            |
| Lead-freeProcess Capability                    | REFLOW                         |
| Max. Cycles at Max. Process Temperature        | 001                            |
| Process Temperature max. C                     | 260                            |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)9139-DC (19 Jan 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

78788 Series

Mates With

Milli-Grid Header [87758](#) , [87759](#) , [87760](#) , [87831](#) , [87832](#) , [87833](#) <br> Milli-Grid Low-Halogen Header [151117](#) , [151118](#) , [151119](#) , [151120](#)

**Material Info**

**Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Application Specification | 503940001-AS-000 |
| Packaging Specification   | PK-78788-001-001 |
| Product Specification     | PS-78788-001-001 |
| Sales Drawing             | SD-78788-001-001 |

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